

SECRET

DPD-4688-59

8 July 1959

Westinghouse Electric Corporation
Friendship International Airport
Baltimore, Maryland

ATTENTION:

Gentlemen:

This will acknowledge receipt of your letter of 23 June 1959 requesting official concurrence on the manner of performance of two matters under Contract No. TA-3034, Westinghouse Reference AAD-30465.

First, with respect to the requirement for delivery of a breadboard model, the development and fabrication of this model, together with delivery of the Government-owned components thereof, fulfilled this requirement as set forth in Part I, Paragraph 2 of the contract schedule.

Secondly, furnishing of the larger antenna in lieu of furnishing an environmental testing of a smaller antenna resulted from equipment tests and was in accordance with agreements between technical personnel of your company and this office. Delivery of the larger antenna fulfilled the contract requirements with respect to this item.

Very truly yours,

Contracting Officer

DPD-DD/P
Distr.

1

✓ 1-TA-3034 T&P
1-Chrono

SECRET

Westinghouse

ELECTRIC CORPORATION



AIR ARM BUILDING

PHONE: SOUTHFIELD 1-1000
FRIENDSHIP INT'L AIRPORT
BOX 746, BALTIMORE 3, MD.

99-4609-59
COPY 1 OF 3

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June 23, 1959

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SUBJECT: Contract TA-3034, Clarification of -
Westinghouse Reference AAD-30465

Dear [redacted]

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As discussed with you on June 22, we wish to state for the record and request official concurrence on the manner we handled two matters under this contract.

First, the contract under Part I Paragraph 2 of the schedule describes certain breadboard work required. When we returned the executed contract (see our transmittal letter to [redacted] dated May 28, 1957,) we commented that since we planned to use standard Westinghouse owned laboratory equipment in the breadboard model, it would not be delivered as an intact operating breadboard system. However, the contract was not changed to clarify this point and some people may now interpret the contract to require the delivery of a complete breadboard. The government owned portions of the breadboard have been delivered as components. DD-250 SM No. 86-82934, copy attached includes the breadboard items.

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Secondly, although it was originally planned to deliver a smaller antenna and perform certain limited environmental tests, a larger antenna was delivered and certain environmental tests were eliminated per an agreement with [redacted] (see letter to [redacted] dated 24 April 1958, Subject: Westinghouse Reference AAD-30465 Terrain Avoidance System Transfer of Technical Direction to WGL- WADC from [redacted])

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Concurrence of the Contracting Officer is requested on the action taken in these 2 cases in such form as may be necessary to close out this order without the possibility of someone later questioning it.

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Sincerely,

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Project Liaison
Air Arm Division

*Discussed this with [redacted]
7/7/59 he agreed that manner
of performance was in accordance
with agreement with contractor
and fulfilled requirements of
contract.*

YOU CAN BE **SURE**... IF IT'S Westinghouse

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**MATERIAL INSPECTION
RECEIVING REPORT**
FORM DD 280 (MODIFIED)

Westinghouse Electric Corporation

S.M. NO. 86.82.934

SHEET NO. 1 OF 2 SHEETS

AIR ARM DIVISION, FRIENDSHIP INT'L AIRPORT

DATE SHIPPED 16 MAR., '59

INVOICE NO.	INVOICE DATE	TERMS	(W) ORDER NO. AAD-30465(AA)	CONTRACT NO. T. A. 3034
SOLD TO				SUPPL. & CHG. ORDERS
SHIP TO				CUSTOMER'S ORDER NO.
STAT				PROC. DIR. OR REQ. NO.
Commanding Officer Wright Air Development Center Dayton, Ohio				SHIPMENT ORDER NO.
M/F: WCLGT-4 Westinghouse Electric Corp., Air Arm Div., Balto. Md.				B/L NO.
GROSS WEIGHT				CAR NO.
NET WEIGHT				CAR SEAL NOS.
SHIPPED FROM AIR ARM DIV. BALTIMORE, MD.				
ROUTE				
IN PLACE SHIPMENT				

NO.	PACKAGE NO.	STOCK NO. AND/OR PART NO.	DESCRIPTION OF MATERIAL	QUANTITY		UNIT PRICE	AMOUNT
				SHIPPED	REC'D		
			Residual Material desirable for Spare support of Avoidance System to be flight tested and maintained under contract AF33(600)-38581.				
			Magnetron MA207 Ser. #116,243,674	3			
			Klystron VA 97 Ser. #114, 726	2			
			Crystals D938M	14pr.			
			Crystals D938 MR	8pr.			
			ATR Tube 6546 Ser. #725 - 2JC2341-1	1			
			TR Tube 6545 Ser. #726 - 2JC2340-1	1			
			Motors - Globe Industries Type FC 2	2			
			Motors - Globe Industries Type MC 1	1			
			Motor - Boston Gear - Motor Ratio, Model 113	1			
			Capacitor AMP PS3951A	1			
			Delay Line Microsonic 7320-4	2			
			10 KV Supply AMP P3754	1			
			2 KV Supply AMP PS3755	2			
			HV Power Supply AMP 851094	1			

OFFICE ADMINISTERING CONTRACT	INSPECTION OFFICE	GOVERNMENT DISTRIBUTION	CREDIT VOUCHER OR FILE NO.
			SHIPMENT NO. ON CONTRACT
			PARTIAL 2 FINAL
			ACCOUNTABLE OFFICE WHEN DIFFERENT
STAT: I CERTIFY THAT THE ITEMS LISTED HEREIN WERE INSPECTED BY ME OR UNDER MY SUPERVISION, THEY CONFORM TO CONTRACT AND HAVE BEEN ACCEPTED, EXCEPT AS NOTED ABOVE		DATE	WCLGT-4 2-2-59
DATE MATERIAL REC'D		CLASS-CODE	WADC Representative
		ACCT NO.-STORES ACCT	APPROPRIATION
I CERTIFY THAT I HAVE RECEIVED AND/OR ACCEPTED THE ARTICLES SHOWN HEREIN (FOR USE ON CONTRACT NO.) EXCEPT AS NOTED ON THE REVERSE SIDE HEREOF.		DATE	SIGNATURE
			DEBIT VOUCHER OR I.R. NO.

MATERIAL INSPECTION

RECEIVING REPORT

DD FORM 250 A (MODIFIED)

Westinghouse Electric Corporation

SHEET NO. 2 OF 2 SHEETSS.M. NO. 86,82,934

			(W) ORDER NO. AAD-30465 (AA)	CONTRACT NO. T. A. 3034			
ITEM NO.	PACKAGE NO.	STOCK NO. AND/OR PART NO.	DESCRIPTION OF MATERIAL	QUANTITY		UNIT PRICE	AMOUNT
				SHIPPED	REC D		
			Pressure Regulator, Air Reduction } 5-50 lb. single stage Storage CRT RCA C73703 Diodes - 2JC3281-2 Synchro Kearfott RS921-2 Connector UG59 D/U Thyratron 5956 Tube #6205 Networks AMP (PS4080) #831799 Relay 1JB6251-2 Speed Reducer Metron Type 6A5S Transistors 2N389 Rectifier G. E. #4JA411CF1AD1 Rectifier G. E. #4JA411CF2AD1 Tube 575R103H01 Crystals 1N430A	1 1 4 1 3 1 20 1 1 2 1 2 3 6 6			

24 April 1958

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SUBJECT: Westinghouse Reference AAD-30465
Terrain Avoidance System
Transfer of Technical Project Direction to WGL - WADC

Dear Dick:

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As agreed informally at our meeting of 18 April 1958 with [redacted] of Weapons Guidance Laboratory, WADC, transfer of technical project direction will be assumed by [redacted] effective that date. This letter will be, in effect, a resume' of contract status and a record of agreements reached at the 18 April meeting.

The financial status of the contract indicates that some reduction in the scope of work will be necessary to stay within the contract limitation of \$525,400 due to reduction in funds available to Engineering caused by labor rate and G & A rate increases since the work was originally estimated. In order to do this, it was agreed to curtail the antenna program and deliver the completed system in August with the 30" antenna resulting from the second preliminary antenna design, rather than the smaller third-phase antenna design. It was also agreed to eliminate environmental testing in a further effort to restrict cost. The savings resulting from these two expedients should enable Westinghouse to complete the contract within the contract funds. Westinghouse acknowledges that no further funds over and above the present contract cost limitation will be forthcoming should overexpenditure result.

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After acceptance of the completed system in August, delivery will be as advised by [redacted] of WGL or his authorized representative.

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Westinghouse recommendations for flight testing of the completed system were presented, and [redacted] will investigate possibilities of obtaining backing for a flight test program from WADC. The B-52 and B-58 were mentioned as two possibilities. In the future, inquiries regarding the system will be referred to [redacted] who will set up equipment nomenclature and a task number to which inquiries will be directed.

Very truly yours,

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[redacted]
Sales Engineer

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bcc: Surveillance Radar [redacted]
Surveillance Radar [redacted]
Project Liaison [redacted]
Contract Administration [redacted]